

RHOLITE, NEVADA, SHOWING MINES IN THE BACKGROUND.

MONTESEVORINGSTROCKS

STEAM SHOVELS FOR BOSTON CON.

Their Adaptability and Usefulness Fully Determined.

DIVIDENDS FOR JULY MONTH

UTAH MINES PAY SHAREHOLD-ERS \$1,140,000.

that the steam shovel is to play an important part in the economic plans being devised for the mining of the grade ores of Bingham, at least so far as the Boston Consolidated company is concerned. The matter was definitely determined as the result of investigations that have just been concluded by Samuel Newhouse's general manager, Lafayette Hanchett. Accompanied by Louis S. Cates, superintendent of the Boston Consolidated mines, he went over to Sunrise, Wyo, the other he went over to Sunrise, Wyo, the other day for the purpose of seeing the machines in operation and learning what they were doing at the iron mines of the Colorado Fuel & Iron company, where 1,000 men are at work and where 15,000 tons of iron ore is being shipped weekly, the output being restricted only by the capacity of the railroad to supply the cars and handle the trains after they are loaded.

"There is no question but what the

"There is no question but what the eam shovel is just the thing for the ork we shall have in hand when the mining of the copper-bearing porphyries in quantity is begun. I was a little skeptical as to what the machines could be depended upon to do where hard work was being handled, but I am ready to admit that the investiga-tion he removed every doubt. The iron ore in the Sunrise mines all has to be ore in the Sunrise mines all has to be blasted out and it is certain that the Bingham porphyries can be handled as rapidly as are the iron ores in the Wyoming mines, where two steam shovels a lower and the standard of the shovels, a large and a smaller one, are

shovels, a large and a smaller one, are employed. These two machines, working about one-fourth of the mine, handles and loads all the ore that 'are can be secured for, which amounts to about 15,000 tons per week.

"A heavy rain and cloud-burst at the mines just before we landed there filled the pit m which the larger machine was installed, so we were able to see only the smaller one in action. It loads a standard 'gauge car at an average speed of five minutes and we are told that the large machine would do the same work in two to three minutes' time. When a person can see a crew of ten men and one machine loading cars at the rate of 1.500 to 1.800 tons an hour, results are staring him in the hour, results are staring him in the face that command respect. I can now say with certainty that the steam shovel will be employed at the Boston

Consolidated mine."

Every detail of the problem of economy as it will relate to the mining, transportation and reduction of the copper porphyries of the Boston Consolidated company is being thoroughly probed and figured out by Mr. Hanchett and, while he is unwilling to be quoted as to detail, he states that he is already certain that results can be attained in the matter of cost that will surprise the mining fraternity when surprise the mining fraternity when profits, he declares, are just as sure as it is certain that there is a practically inexhaustible supply of the ore.

NEW ORE DRESSING PLANT.

Original Devices Enter Into Equipment of Wall Plant at Bingham.

While the plant has not been in steady operation long enough to figure results to a nicely, Colonel E. A. Wall, results to a nicety, Colonel E. A. Wall, who is running his new mill at Bingham on ores from the Phoenix mine, states that the showing so far made leads him to the conclusion that the devices employed will stand comparison with the best that are now known in the concentrating business. Practically all of these devices are of the colonel's own invention. Some of them have been patented for several years,

colonel's own invention. Some of them have been patented for several years, but until now he has not been in a position to demonstrate their merits.

Fred Bemis, superintendent of the mill, who is one of the old hands in treating Bingham ores, found such radical departures in the devices introduced by Colonel Wall that he at first made no secret of the fact that he had no faith in some of them, at least. After the plant was placed in commission he was not many hours in changsion he was not many hours in chang-ing his mind. At the end of three or four days he was happy over results as a new convert at a Methodist camp

meeting. He had to be shown; was shown, and then the contest was over. Entering into the equipment is a set of Wall's corrugated rolls and a set thusiastic Over the Country.

David W. Brunton, the well known mining engineer, and one of the big mining engineer, and one of the keystone over their one of the first of the

The new machines are so constructed that they differ radically from the Wilfley and Colonel Wall is counting upon them to develop a much greater capacity for work as well as efficiency.

The plant is now handling more than 100 tons of ore per day and the expectation is that it will work perfectly up to 150 tons. Later the colonel promises a description of the equipment and the results being attained that will be of interest to the mining and ore-dressing world.

MINING STOCK EXCHANGE.

Week of Lively Trading With Lower Mammoth the Feature.

Mammoth the Feature.

The heaviest week's trading that has been done on the local mining exchange was brought to a close at noon vesterday. It is looked upon as premonitory of what is to come when the hot spell has passed and the throngs that have sought the cool retreats of the mountains have returned. The market's activity has been confined to a rather narrow range of stocks but the fact that any of them have been able to command, more than passing attention is the feature that nourly have been able to command more than passing attention is the feature that nourly has been the feature of the week. The encouraging development of Lower Mammoth and its equally sensational drop has been the feature of the company's property at depth and flood of outside orders for the stock were unquestionably responsible for the rise that was given such a boost during the closing hours of the previous week, and profit taking, coupled with the proneness of the public to sell on a declining market, was just as surely the cause of the drop. This must have been the case, because there has been no particular change in mine conditions during the time mentioned. From a high mark of it the stock has sold steadily down to 2Nice, with sales at 2Nice at the close. Uncle Sam also enjoyed quite a little boom and sold early in the week as high as 45c. Then it began to ease off and closes about as it opened, around 41c. New York, which began the week around 51½c, has made a slow but steady gain and as 45c. Then it began to ease off and closes about as it opened, around 41c. New York, which began the week around 51/sc, has made a slow but steady gain and after touching 51c, it closed at 551/sc. May Day has done considerable business at an average of about 7%c, and nearly all the other stocks dealt in have held their own nicely.

Grand Central, Daly-Judge, Daly-West, Ontario and Wabash were among the higher priced stocks to contribute to the week's business and they helped materially in swelling the money end of the performances.

During the week a total of 149,477 shares of stock, with a selling value of \$51.811.88, changed hands, yesterday's contribution to the total being 9,500 shares and \$2,883. The list of final ouotations and record of sales made during yesterday's calls was as follows:

	Bid.	Asked.
Alice	3 - 40	2 75
Ajax	.15	1514
Ajax Bullion-Beck	1 25	1 50
Carisa	1814	.201/4
Creole	+4072	95
Con. Mercur	5.4	00
Daly	1.50	9 10
Daly-Judge	.54 1.50 6.50	6 90
Daly-West	13.25	14.25
Eagle & Blue Bell		
Grand Central	2.75 .05 1.50	2.00
Galona	2.10	0.00
Galena	-00	0.00
Little Bell	1.50	2.00
Lower Mammoth	.40	.66.
Mammoth	-27/2	.29
Mammoth	1.06	2.00 .55 .29
May Day	.071/2	.07%
Ontario	2,25	
Petro	.071/4	*******
Rocco-Homestake	.28	58.00 #
Silver King	52.00	58.00
Sacramento	.08%	.0914
Silver Shield	.23	.24
Star Consolidated	.0736	.10
Swansea	.23 .071/2 .26 .021/2	.35
South Swansea	.021/6	.07
Sunshine		.02
U. S. Mining	33.00	24.00
Utah Uncle Sam Vietoria		.50
Uncle Sam	.4016	.41
Victoria	2.00	2.20
Boston Consolidated	8.1214	8.45
Butler-Liberal	0714	.08%
Beck Tunnel Consolidated .	.07	*3078
Ingot	0114	.0134
Joe Bowers	01	0114
Little Chief	01	.011/2
New York	5.6	561/
Dates	1917	15
Petro Victor Consolidated	027/	.10
victor consolidated	.03%	144/9

Victor Consolidated Wabash Yankee Consolidated Dalton Emerald Richmond & Anaconda	1.68	1.75 1.75 .35 .01 .06
White Rock		.45
Goldfield Bonanza	1000	.05
Macnamara Tonopah Tonopah-Bemlont	.34	14.00
Tonopah-Extension Tonopah-Midway	4.00	6.00

Yesterday's Sales. Lower Mammoth 50032c; 500@31c; 200@ 30c; 500@29c, seller 10; 400@29c; 200@28½c. May Day, 1,000@72½c. Petro, 100@96; Uncle Sam, 600@41c; 100@41½c. New York, 100@55½c; 400@56c; 500@58½c; Wabash, 100@\$1.70; 100@\$1.74\/2; 100@\$1.73.

Open Board. 1,000 Butler-Liberal at Sc.
1,000 Little Chief at Ic.
100 Lower Mammoth at 28%.
1,000 Lower Mammoth at 28%.
1,000 Lower Mammoth at 29%.
200 Uncle Sam at 41c.
Shares sold, 9,500.
Selling value, \$2,883.00.

BACK FROM THE KLONDIKE

Prominent Mining Engineer Is En-

thusiastic Over the Country.

back at the first favorable opportunity.

some remarkably fine copper proper-ties are being developed, while in the far interior many substantial evidences far interior many substantisi evidences of prosperity and successful mining ventures were found. It is a mistake to think that there is nothing in that country but placer mining. Remarkably fine ledges are being discovered and operated all through the region formerly held valuable only for its placer deposits, though the latter class of mining is not on the decline by any means. Great dredges are now being successfully operated at two or three points and he has no doubt that many more machines will be soon introduced into the country. There are numerous navigable streams that empty into the Yukon and on some of them operations are being conducted hundreds of miles farther inland than would have seemed possible a few years ago.

possible a few years ago,
At this season of the year, Mr. Brunton says, it is a veritable pleasure to
go into Dawson over the railroad and go into Dawson over the railroad and down the streams by boat. Every comfort is provided and fruits and vegetables are just as common and bientiful at Dawson as they are at Seattle. He says the people of the United States can only appreciate the value of that country, its beauty, climate and riches, together with its grand exemplification of what distance means, by visiting it. by visiting it.

Boston Mining Stocks.

-	Adventure\$ 6.00 Mohawk 53.7
e i	Allouez 28.00 M. C. & Ca 24
en!	Amai 83.621/6 Old Dom. 98
- 1	Am. Zinc 10.00 Osceola 100 (
ci I	Atlantic 18 (0) Parrot 90 /
T)	Bingham 31.37% Quiney 1073
0	C. & Hbiv.vo Shannon 7
	Centennial 22 6214 Tomorrols 1957
e	Cop. Range 71.25 Trinity 9.
h	Cop. Range . 71.25 Trinity . 9. Daly-W 13.751/2 U. Copper . 31.
S	Dom. Coal 78.00 U. S. Mining., 33.
V	Franklin 11.621/2 U. S. Oil 10.1
. "	Dom. Coal 78.00 U. S. Mining. 33. Franklin 11.62½ U. S. Oil. 10.3 Granby 7.00 Utah 46.5 Mass. Min. 9.37½ Winona 13.4 Mass. Min. 9.37½ Winona 13.4
	Isle Royale 23.25 Victoria 4.
v.	Mass. Min 9.371/2 Winona 13.0
t	Michigan 14.621/2 Wolverine 117.0
1.0	

San Francisco Mining Stocks. ...\$ 03 Justice \$

Andes 17 Mexican	а
Beicher 19 Occidental Con	ī
Dest & Beicher., 1 30 Onhir	e
Bullion 40 Overman	r
Caledonia 47 Potosi	
Challenge Con 24 Savage	
Chollar 19 Scorpion	
Confidence 93 Seg. elcher	
C. C. & Va 1 30 Sierra Nevada	
Crown Point 13 Silver Hill	
Crown Point 13 Silver Hill	
Exchequer 50 Union Con.	
Gould & Curry 16 Utah Con	
H. & Norcross 1 90 Yellow Jacket	
The second secon	

New	York	Mining	Stocks.
Adams Cor Alice Breece Brunswick/ Comstock C. C. & V. Horn Silver Iron Silver Leadville C	C	.50 Ontari .40 Ophir .18 Phoeni .07 Potosi 1.20 Savago 1.75 Sierra 3.25 Small	ix

Tonopah-Goldfield Stocks. James A. Pollock & Co. furnish the fol-wing as the closing quotations on the un Francisco exchange yesterday, over eir private wire:

	Bid.	Aske
Montana-Tonopah	1\$ 3.05	18 3.1
Tonopah-Midway	1 50	1 5
MacNamara Tonopah-Belmont	. 41	1 4
Tonopah-Belmont	1.171	4 7.9
North Star	. 58	.5
Rescue	1 07	.0
Gold Mountain	19	18 4
Jim Butler Tonopah, Com	. 78	7
Tonopah, Com	13.50	14.0
Tonopah Extension	4 75	5.5
		1 4
Coldfield	- hard the	5
		6
Sandstorm Extension	.01	. 1
Adams	0.5	.0
Mohawk	14	- 0
Dixie	.16	1 1
Kendall	1 12	1 7
Kendall Columbia' Mountain	10	1 .2
Jumbo	74	1
Jumbo Extension	15	1
Black Butto	9.0	1 .2
Silver Pick	.10	1 1
Golden Anchor	.92	9
Ray & O'Brien		- 37
Ohio-Tonopah	.00	.3
Original Bullfrog	30	
Diamondfield	1 .24	1 -7
Diamondfield Lone Star	39	.4
Home-Tonopah	.10	1
Home-Tonopan		1.0
Cash Boy		

onsolidated Virginia Savage Potosi

RAILROAD TO BULLFROG.

The Tonopah Company Will Extend

Branch From Goldfield. Goldfield, Nev., July 28.-The Bullworld. Gold from the richest mine in Tonopah is to be invested in the project and the work has so far gone forward that the surveys of the line from Goldfield to Bullfrog have already been made and the rails and ties have all been counted.

J. C. Weir, of the firm of Weir Bros.

chrough from Tonopah to Goldfield, and then on to Bullfrog. I left New York with full knowledge and assurance from the highest controlling source in this district that the road would be built at once, and since my utrival here I have been able to learn arrival here I have been able to learn many details of the profits, present and prospective, that the leading hold-ers of the Tonopah Mining company and their associates have been able to figure upon in their railroad invest-At White Horse, Mr. Brunton says,

ments.
"It was in 1903 that the company first faced the railway situation. The best engineers that could be obtained in the cast were sent out to look over the ground and report on the feasibility of the line. They reported that a railroad from Sodayille to Tonepah could be built at a cost of \$509.000. The only presented as a cost of \$509.000. road from Sodaville to Tonopah could be built at a cost of \$502,000. The only question was the amount of tomage in sight in Tonopah. The experis figured that the road should have a gross earning power of \$125,000 a veat, and out of this the company should be able to save at least \$50,000. It was a matter of very simple calculation then that if the camp lasted ten years the company would get its money back. At that time, one must recollect, Golf-field and Eulifrog were not yet heard of. The road was built and it is shnost difficult to imagine the surprise of its owners. The immediate development of the great mineralized country gave to the railroad during the first eight conths of its operation was only is percent. The road paid for itself in those eight months. The last figures that I saw while in Tonopah were for April last, when I think the gross receipts were something like \$96,000, which give a net earning of \$50,000 for the month. It is little wonderful then that the same corporate owners see their way clear to profitable investment by continuing the line to Goldfield and then on to Bullfrog."

JULY'S DIVIDEND RECORD.

Shareholders in Utah Companies Pull Down \$1,140,000.

The total amount of dividends paid and declared by Utah mining companies during the present month foots up \$1,140,000. Of this amount all but \$30,000, which will be checked out during the coming week, has already reached the shareholders of the companies making the distributions. panies making the distributions. Here

	is the list.	
	Utah Consolidated\$	600,000
15,	C. S. Mining Company	360,000
10 17 15 17	Silver King	100,000
15	Gemini	50,000
	Yankee Consolidated	25,000
2	Sacramento	5,000
70		

camps will surprise the natives before

WORD FROM MASON VALLEY.

Salt Laker Writes of What Is Going on in New Copper Camp.

A letter from Captain O. A. Tibbits, who is now at the properties of the Mason Valley company, advises some of his associates here that the campaign of development has been commenced under most favorable conditions. At one point where Expert George Gunn recommended the driving of a tunnel, and where the surface showing was not nearly as good as it was at other points along the zone, showing was not nearly as good as it was at other points along the zone, chalcopyrite and red oxide ores are coming in at a rate that insures the opening of a tremondous body of rich ore. The captain speaks most enthusiastically of the showing and makes no secret of his belief that one of the biggest copper mines on the coast is sure to result from the plan of campaign that has been inaucurated. paign that has been inaugurated.
Captain Tibbits also states that the
district is now attracting a great deal
of attention from the outside. One new company has just been organized and mining men are going into camp every day. The Bluestone company is build-ing a mill and the well known Douglas frog country is to have a railroad in the immediate future, and it will give direct communication with the outer world. Gold from the richest mine in no trouble in keeping a long string of them on the road.

GETS VALUABLE GROUND.

The Tonopah-Crown Point Company Lands Long-Wanted Claim.

Lands Long-Wanted Claim.

The Tonopah-Crown Point company has just completed the purchase of ground adjoining its property, which will be of immense importance to the company. Negotiations have been pending for several months, quietly, and have finally been closed at a price satisfactory to the directors.

The workings on the Crown Point showed that the rich ore body extended into this ground, and it was decided to purchase it before developing so much that the price would be prohibitory. Now that the ground has been purchased, development work will be pushed rapidly. The work so far along chased, development work will be pushed rapidly. The work so far along the vein shows that it is growing richer and larger, and when the tunnel reaches the porphyry dike, shipments of ore will commence. J. M. Healey is superintending operations.

> Tintic Mining Notes. (Euicka Reporter)

Superintendent C. C. Griggs of the Incle Sam Mining company property and Superintendent Jensen of the Incle Sam mill, le't Wednesday after noon for the Copper Jack property in the Erickson district. From present indications the Erickson district will take on new life during the next few

The importance of the strike on the 500-foot level of the Uncle Sam is becoming more apparent with every round of holes and Superintendent

solution level of the Uncle Sam is becoming more apparent with every round of holes and Superintendent Grigg says that the entire face of the drift is now being put down as fast as three shifts can do the work. The shaft is about forth was commenced this week and it is now being put down as fast as three shifts can do the work. The shaft is about forth

The work of sinking the May Day shart was commenced this week and it is now being put down as fast as three shifts can do the work. The shart is all the shareholders of the district of good results. Those in charge of the district of puring the next thirty days some new faces, as well as older ones, are now at the stand the surprising to hear from the Columbus Consolidated, of Alta, which is known to be building up a good treasury at the beautiful upon the companies are earning and after following it a few feet will be a productive for the stand the surprising to hear from the Columbus Consolidated, of Alta, which is known to be building up a good treasury at the beautiful upon the stand the surprising to hear from the Columbus Consolidated, of Alta, which is known to be building up a good treasury at the beautiful upon the companies are earning good money, and while most of them are applying earnings to development and betterments, there is a prospect that the fall will find some of them in attempting of the district of the state of the productive of the district of the consideration of the work and the last work in the fall will find some of them in the history of mining in Utah when the hinvestor. Bingham is forging to the district when the work manager

the second class.

The New England shipped two more cars of concentrates this week, which makes a total of six cars of ore and concentrates shipped this month, the proceeds from which have paid all operating expenses and left a pice surplus in the treasury. Manager Adkinson has further increased the force, twenty men now being employed.

Work on the new tiling furnace at the Yampa smelter has been delayed, pending the arrival of the smoke stack. Three carloads of stack iron arrived last week and construction work has been resumed. The new furnace will probably be ready for operation some time next week. The reverboratory will be closed down within a few days for the purpose of making a few alterations.

The output of the Fortuna has been increased from thirty to fifty tons daily and the same high grade product is being sent to market. Superintendent Start is now laying the pipe line that will convey the air from the Dalton & Lark power plant to the Keystone tunnel, where it will be used to coverte.



UNITED STATES SMELTING CO.

SALT LAKE CITY, UTAH.

Lead and Copper Ores

The United States Smelting Company

the market for all kinds of lead and copper ores at PRICES FAVORABLE TO SHIPPERS.

ADDRESS ALL COMMUNICATIONS
To Salt Lake City, Utah.

CONSIGN ALL SHIPMENTS AS FOLLOWS: United States Smelting
Co., BINGHAM JUNCTION, UTAH.

When shipment is made please NOTIFY US PROMPTLY and if PUBLIC SAMPLER is preferred, DESIGNATE WHICH ONE; also designate ONE ASSAYER.

Ore shipments from the Commercial, which were recently curtailed, have been increased to 150 tons daily.

The Ohio shipped another car of first-class ore to the smelter last Monday. This ore carries about twenty-five per cent copper.

The careatic period of the Newhouse company's big milling plant at the Cactus company's b

day. This ore carries about twenty-five per cent copper.

The capacity of the Copper Belt road is heavily taxed by the tremendous volume of ore now coming down from the mires.

the mires.

The recent shipment from the Silver Shield was sold on controls showing the contents to be twenty-eight per cent lead, fifteen ounces silver, \$5 in gold and one and one-eighth per cent copper, netting the company over \$20 per ton. No more ore will be shipped until the mill is ready to handle the second class.

The will leave for a phigrimage into Alaska for the same corporation.

The arrival home of A. W. McCune from the mines, smelters and railroads of the Cero de Pasco company, Peru, of the cero de Pasco company, P

While at Sunrise, Wyo., Lafayette Hanchett was informed that the Colorado Fuel & Iron company would undoubtedly begin operating its iron mines in Iron county on an extensive scale within the next year or two. He understands that the ore will be shipped to the company's Colorado plants.

There is no longer any doubt concerning There is no longer any doubt concerning the fate of the deal for the Latham projecties. Advices have been received that the Ohio Lead Mining & Milling company, in whose favor an option was recently executed, will make its first payment, according to contract, on Aug. 1. The remittance is already on the road out.

Hardie's Uintah Reservation Town-ship map and guide, 15 cents coin at book stores or 314 So. 2d West St. J. OBERNDORFER.

Stock Broker. Tel. Bell 792. 161 S. Main St.

183 Officea ...OVER OUR ...

PRIVATE WIRE TO SAN FRANCISCO

We give instantaneous tele-graphic service on the Tonopah-Goldfield and Comstock, Nevada

JAMES A. POLLOCK & UO.

Bankers and Brokers,

Now have our own membership on Chicago Board of Trade

6 West Second South St. Salt Lake Citv.

MILL MEN!

C. I. W. IMPACT SCREENS The new Bartlett Simplex Concen-

trating Table Has capacity, does clean work, weighs 900 pounds. Price. only \$300.00. See it work at EXHIBITION BOOM, 151 WEST SECOND SOUTH ST., CITY.

Colorado Iron Works Company of

Denver. Clement & Strange, Agents, 207 Dooly Block.

Notice.

NOTICE IS HEREBY GIVEN BY THE tention of such council to make the following described improvement, to-wit:
Extending and laying sewer lateral of vitrified pipe on the south side of Fourth South street between West Temple and First West streets, in sewer districts Nos. 1 and 2, and defray the abutters' portion of the cost and expense thereof, estimated at nine hundred and seventy-four (874.00) dollars, or 1 and 30-100 (81.30) dollars per front foot, in sewer district No. 1, and 1 and 75-100 (81.75) dollars per front foot in sewer district No. 2, by a local assessment upon the lots or pieces of ground within the following described district, being the district to be affected or benefited by said improvement, namely: The west 305 feet of lot 6, block 41, plat A, Salt Lake City survey (district No. 1), and all of lot 5, block 41, plat A, Salt Lake City survey (district No. 1), and all of lot 5, block 41, plat A, Salt Lake City survey (district No. 2).

All protests and objections to the carrying out of such intention must be presented in writing to the city recorder on or before the 21st day of August, 1905, being the time set by said council when it, will hear and consider such protests and objections as may be made thereto. By order of the city conneil of Salt Lake City, Utah.

Dated July 10, 1905.

J. S. CRITCHLOW, Sewer Extension No. 155.

Sewer Extension No. 155.

Stockholders' Meeting.

THE ANNUAL MEETING OF THE stockholders of the Maple Mining company will be held at its office. % West Second South street, Sait Lake City, Utah, Aug. 8, 1965, 10 a. m.

L. C. ROEBER, Assistant Secretary.